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Stame of Person Signing Andrea Vasquez

05/10/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Russell, Anthony W., et al.

APPLICATION NO.:

10/666,314

FILING DATE:

09/18/03

ART UNIT:

3641

ATTORNEY DOCKET NO.:

SMAR002

TITLE OF THE INVENTION:

BOREHOLE SURVEYING

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sirs:

In accordance with §§ 1.56, 1.97 and 1.98 of Title 37 of the Code of Federal Regulations and pursuant to Applicant's duty of candor and good faith toward the United States Patent and Trademark Office, applicant discloses the following information items which constitute the most relevant information items of which persons substantively involved in the present application are aware. Pursuant to 37 CFR §1.97(h) the information disclosed shall not be construed to be an admission of materiality to patentability.

Three (3) foreign patents and a GB Search Report cover page that relate to this invention are listed on the enclosed PTO/SB/08A and PTO/SB/08B forms and copies of these items are enclosed pursuant to §1.98.

Respectfully Submitted,

Date: 5 10 2004

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known		
Application Number	10/666,314	
Filing Date	09/18/2003	
First Named Inventor	Russell, Anthony W.	
Art Unit	3641	
Examiner Name		
Attorney Docket Number	SMAR002	

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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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Examiner Cite Foreign Patent Document Initials* No. Country Code ³ Number * Kind Code ⁵ (if known)			Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	MM-DD-YYYY	, , , , , , , , , , , , , , , , , , , ,	Or Relevant Figures Appear	⊤°		
	GB	2094484 A	09/15/1982	Applied Technolgies Assoc	iates	
	GB	2 122 751 A	01/18/1984	Applied Technolgies Associ	iates	
	EP	0 846 841 A3		The Charles Machine World		
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

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Substitute for form 1449/PTO	Complete if Known		
Cassada o lo lo li 1445/11 To	Application Number	10/666,314	
INFORMATION DISCLOSURE	Filing Date	09/18/2003	
STATEMENT BY APPLICANT	First Named Inventor	Russell, Anthony W.	
(Use as many sheets as necessary)	Art Unit	3641	
(Use as many sneets as necessary)	Examiner Name		
Sheet 2 of 2	Attorney Docket Number	SMAR002	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		ALISON STRANSOM, The GB Patent Office, Patents Act 1977: Search		
		Report under Section 17, January 23, 2004, GB (one page).		
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Examiner	Date	
Signature	Considered	

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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